

Appl.No.: 10/007,153
Amd. dated 06/23/2005
Response to Office Action of 02/23/2005

Amendments to the Drawings:

The attached sheet of drawings includes changes to Figure 1 which insert the term "prior art".

Attachment: Replacement sheet

REMARKS/ARGUMENTS

Claims 1 and 3-16 are pending in the application with claims 1, 6-9, and 12 rejected. Reexamination and reconsideration are hereby requested.

Claim 1 was rejected as anticipated by Karlsson. The Examiner pointed to the matched filters and the detector in Fig.6.

Applicant replies that claim 1 has been amended to include the limitations of objected to claim 2.

Claim 6 was rejected as unpatentable over Karlsson in view of Wang.

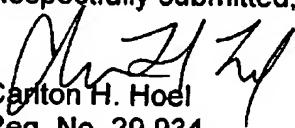
Applicant relies upon the patentability of the currently amended parent claim 1.

Claims 3, 7-9, and 12 were rejected as informal or indefinite or dependent upon an indefinite claim.

The amendments to these claims overcome these rejections.

The legend "prior art" has been added to Figure 1; see attached replacement sheet.

Respectfully submitted,


Carlton H. Hoel
Reg. No. 29,934
Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, Texas 75265
972.917.4365